

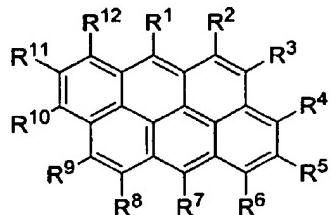
Appl. No. 10/807,099
Amtd. Dated, 24 January 2006
Reply to Final Office Action of 09 Nov 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently amended). An organic EL device, comprising an anode and a cathode, and at least one organic luminescent layer ~~comprising doped~~ with a compound of the formula:



positioned between said anode and said cathode, and wherein:

R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹ and R¹² are individual substituents, each substituent is an individual group selected from the group consisting of hydrogen, halogens, and groups that contain 1 to 48 carbon atoms, and at least one group is not hydrogen, further, R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹ and R¹² is not an arylamino group.

Claim 2 (Previously presented). The compound of the claim 1, wherein R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹ and R¹² is the individual group consisting of hydrogen, or alkyl of from 1 to 48 carbon atoms, and R₂ and R₃, R₅ and R₆, R₈ and R₉, R₁₁ and R₁₂ can connect to form a 5 or 6 member ring system.

Claim 3 (Previously presented). The compound of the claim 1, wherein R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹ and R¹² is the individual group consisting of aryl or substituted aryl of from 5 to 48 carbon atoms, or 4 to 48 carbon atoms necessary to complete a fused aromatic ring of naphthenyl, anthracenyl, pyrenyl, or perylenyl.

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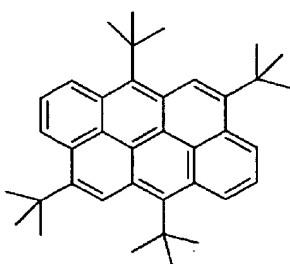
Claim 4 (Previously presented). The compound of the claim 1, wherein R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹ and R¹² is the individual group consisting of heteroaryl or substituted heteroaryl of from 5 to 24 carbon atoms, or 4 to 48 carbon atoms necessary to complete a fused heteroaromatic ring of furyl, thienyl, pyridyl, quinolinyl or heterocyclic system.

Claim 5 (Previously presented). The compound of the claim 1, wherein R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹ and R¹² is the individual group consisting of alkoxy, amino, alkyl amino, dialkyl amino, or diaryl amino of from 1 to 24 carbon atoms.

Claim 6 (Previously presented). The compound of the claim 1, wherein R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹ and R¹² is the individual group consisting of F, Cl, Br, I, CN, NCS, NCO, B(OH)₂, B(OCH₂CH₂O), B[OC(CH₃)₂C(CH₃)₂O], SO₂R¹³, SO₃R¹⁴, SO₂NR₂, SiR₃, SiHR₂, SiR₂OH, where R, R¹³ and R¹⁴ is hydrogen, chlorine, bromine, alkyl group containing 1-12 carbon atoms, or aryl.

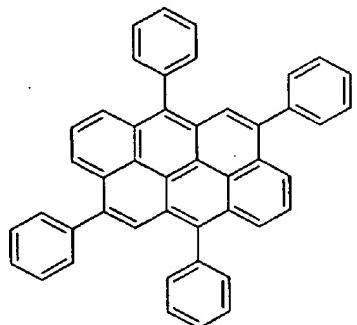
Claim 7 (Previously presented). The compound of the claim 1, wherein R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹ and R¹² is the individual group consisting of a group of formula -L(CH₂)R¹⁵ where n is 0 to 12, R¹⁵ is a hydrogen, hydroxy, amino, alkylamino, dialkylamino, -COR¹⁶ or -COOR¹⁷ where R¹⁶ is a hydrogen, chlorine, COCl, alkyl group containing 1-12 carbon atoms, --NR₂, -NHR or aryl and R¹⁷ is a hydrogen, alkyl group containing 1-12 carbon atoms, aryl, COR, 2,4-dinitrophenyl, N-imido or -NR₂ and L is a direct bond or C=O.

Claim 8 (Original). The EL device according the claim 1, wherein said compound is:

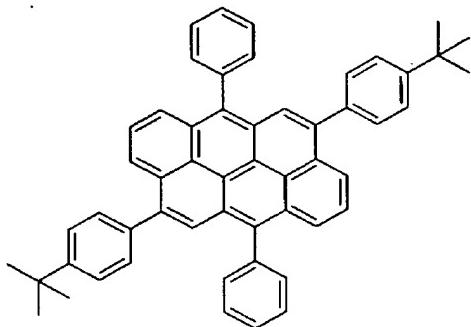


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Claim 9 (Original). The EL device according the claim 1, wherein said compound is:



Claim 10 (Original). The EL device according the claim 1, wherein said compound is:



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Claim 11 (Original). The EL device according the claim 1, wherein said compound is:

